CLAIMS

1. A write once optical recording medium comprising a recording layer and a light transmitting protective layer formed successively on a supporting body, for recording and reproduction by irradiating a laser beam of

a 380 to 450 nm wavelength from the light transmitting protective layer side,

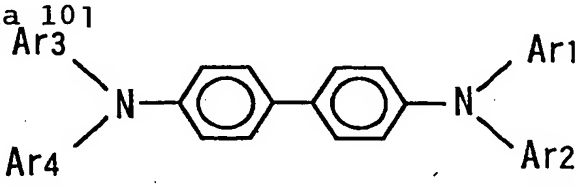
characterized in that

$\lambda_{max} \leq 370$ nm

on the premise that the wavelength providing the peak optical absorption coefficient of the recording layer is defined to be λ_{max}.

2. The write once optical recording medium according to claim 1, characterized in that the recording layer contains a compound represented by the below-mentioned [chemical formula 10]:

[Chemical Formula 10]

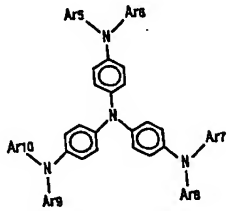


(wherein each of Ar_1, Ar_2, Ar_3, Ar_4 are a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, or a substituted or unsubstituted biphenyl

group, that may be the same or different.)

3. The write once optical recording medium according to claim 1, characterized in that the recording layer contains a compound represented by the below-mentioned [chemical formula 11]:

[Chemical Formula 11]



(wherein each of Ar_5, Ar_6, Ar_7, Ar_8, Ar_9, Ar_{10} are a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, or a substituted or unsubstituted biphenyl group, that may be same or different.)

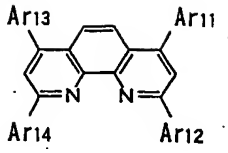
4. The write once optical recording medium according to claim 1, characterized in that said recording layer contains C_n (wherein, n is an integer of 60 or more capable of obtaining a geometrically spherical compound).

5. The write once optical recording medium according to claim 4, characterized in that n of said C_n is 60.

6. The write once optical recording medium according to claim 1, characterized in that said recording layer contains a compound represented by the below-mentioned [Chemical Formula

12]:

[Chemical Formula 12]



(wherein each of Ar_{11}, Ar_{12}, Ar_{13}, Ar_{14} are a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, or a substituted or unsubstituted biphenyl group, that may be the same or different.)